Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

of Work: (Emeregncy Grants) Providing Pot hole filling and other maintenance works at Ward No13, Mallasandra in Shettyhalli Halli Sub Division.

Est .Cost Rs. 30.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
RRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average izontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and es neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as specifications. MORTH/ Chapter 3. Page No. 141/ Item No. 19.1/ PWD SR 2016-17								
utting Bangle road		1	1.80	1.80	0.20	0.65		
		1	2.00	1.20	0.20	0.48		
uneshwara Block Main road		1	1.00	5.00	0.20	1.00		
		2	1.00	75.00	0.20	30.00		
ake road		1	1.00	2.50	0.20	0.50		
Muneshwara Block Cross road		2	1.00	1.25	0.20	0.50		
Pipe line road near pump house		1	4.00	1.00	0.20	0.80		
Byraweshwara Shop		1	2.00	3.00	0.20	1.20		
10th Cross Kalyana Nagara		1	2.00	1.00	0.20	0.40		
		1	1.00	1.00	0.20	0.20		
		1	1.00	5.00	0.20	1.00		
Kalyana nagara 2nd main		1	2.00	1.00	0.20	0.40		
Maheshwari nagara 3rd main		1	1.00	1.00	0.20	0.20		
		1	1.20	0.60	0.20	0.14		
Maheshwari nagara 10th cross		3	1.00	1.00	0.20	0.60		
		1	2.00	1.00	0.20	0.40		
Maheshwari nagara 9th cross		1	1.00	1.00	0.20	0.20		
		2	2.00	2.50	0.20	2.00		
Kalyana nagara 2nd main		1	6.00	1.00	0.20	1.20		
		1	1.00	1.00	0.20	0.20		
Mallasandra main road		1	3.00	1.00	0.20	0.60		
Other roads		10	1.50	1.80	0.20	5.40		
Road Cuttings		5	4.00	0.60	0.20	2.40		
						50.47	196.56	9,920.78
Basic Rate	82.00							
Add Loading & Unloading	68.00							
For 10 KM Rs 2.5 x 1.28 x 10 kms	32.00							
	182.00							
Area Weightage 8%	14.56							
	196.56							
2 KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications. MORTH Specification No. 406 Page No. 158/ Item No. 20.18/ PWD SR 2016-17.								
Shutting Bangle road		1	1.80	1.80	0.20	0.65		
		1	2.00	1.20	0.20	0.48		
Muneshwara Block Main road		1	1.00	5.00	0.20	1.00		
		2	1.00	75.00	0.20	30.00		
Lake road		1	1.00	2.50	0.20	0.50		
Muneshwara Block Cross road		2	1.00	1.25	0.20	0.50		

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e road near pump house		1	4.00	1.00	0.20	0.80		
shwara Shop		1	2.00	3.00	0.20	1.20		
ross Kalyana Nagara		1	2.00	1.00	0.20	0.40		
		1	1.00	1.00	0.20	0.20		
ana nagara 2nd main		1	1.00	5.00	0.20	1.00		
eshwari nagara 3rd main		1	2.00	1.00	0.20	0.40		
		1	1.00	1.00	0.20	0.20		
heshwari nagara 10th cross		1	1.20	0.60	0.20	0.14		
		3	1.00	1.00	0.20	0.60		
aheshwari nagara 9th cross		1	2.00	1.00	0.20	0.40		
		1	1.00	1.00	0.20	0.20		
alyana nagara 2nd main		2	2.00	2.50	0.20	2.00		
		1	6.00	1.00	0.20	1.20		
Mallasandra main road		1	1.00	1.00	0.20	0.20		
Other roads		1	3.00	1.00	0.20	0.60		
Road Cuttings		10	1.50	1.80	0.20	5.40		
		5	4.00	0.60	0.20	2.40		
Basic Rate	1,668.00					**50.47**	1801.44	**90922.28**
Area Weightage 8%	133.44							
	1,801.44							

KSRRB 3000 Filling Pot-Holes and patch repairs with Bituminous Concrete, 40mm., KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per Specifications. MORTH Specification No. 3004.2 Page No. 257/ Item No. 35.5/ PWD SR 2016-17

Shutting Bangle road	Sqm	1	1.80	1.80		3.24		
Muneshwara Block Main road		1	2.00	1.20		2.40		
		1	1.00	5.00		5.00		
Lake road		2	1.00	75.00		150.00		
Muneshwara Block Cross road		1	1.00	2.50		2.50		
Pipe line road near pump house		2	1.00	1.25		2.50		
Byraweshwara Shop		1	4.00	1.00		4.00		
10th Cross Kalyana Nagara		1	2.00	3.00		6.00		
		1	2.00	1.00		2.00		
		1	1.00	1.00		1.00		
Kalyana nagara 2nd main		1	1.00	5.00		5.00		
Maheshwari nagara 3rd main		1	2.00	1.00		2.00		
		1	1.00	1.00		1.00		
Maheshwari nagara 10th cross		1	1.20	0.60		0.72		
		3	1.00	1.00		3.00		
Maheshwari nagara 9th cross		1	2.00	1.00		2.00		
		1	1.00	1.00		1.00		
Kalyana nagara 2nd main		2	2.00	2.50		10.00		
		1	6.00	1.00		6.00		
Mallasandra main road		1	1.00	1.00		1.00		
Other roads		1	3.00	1.00		3.00		
Road Cuttings		10	1.50	1.80		27.00		
		5	4.00	0.60		12.00		
Basic Rate	285.00					**252.36**	307.80	**77676.00**

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Area Weightage 8%	22.80								
	307.80								
work for lowering and levelling the ground other than foundation works by mechanical upto 3.00 depth, including providing shoring strutting and brasing, removal of stumps and deleterious matter, dressing of sides and bottom, filling back the excavated earth to dent required & utilising/transporting the remaining earth upto 1.00 km lead. Including the of labour & HOM of machineries, as per drawing and technical specification. P no 7, I no PWD SR 2018-17									
	Cum								
ps		1	43.00	12.00	2.60	1341.60			
building portion		6	39.00	1.80	0.75	315.90			
		1	23.00	13.00	2.60	777.40			
duct For 30% Of Soft Rock By manual means						**2434.90**			
						730.47			
					Net Qty	**1704.43**	**181.44**	**309251.78**	
Basic Rate	68.00								
Add Loading & Unloading	68.00								
For 10 KM Rs 2.5 x 1.28 x 10 kms	32.00								
	168.00								
Area Weightage 8%	13.44								
	181.44								
Earthwork in surface excavation in hard soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1 P no 5, I no 2.2 PWD SR 2018-17									
30%									
Basic Rate	220.00					**730.47**	**237.60**	**173559.67**	
Area Weightage 8%	17.60								
	237.60								
Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). P no 5, I no 2.2 PWD SR 2016-17									
Flooring									
Bed concrete		1	35.00	12.00	0.15	**63.00**			
		6	45.00	0.60	0.15	**24.30**			
						87.30	**167.40**	**14614.02**	
Basic Rate	55.00								
Add Loading & Unloading	68.00								
For 10 KM Rs 2.5 x 1.28 x 10 kms	32.00								
	155.00								
Area Weightage 8%	12.40								
	167.40								
Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. P no265, I no 37.48 PWD SR 2016-17									
Longwall		3	25.00	0.6	0.50	**22.50**			
Short wall		3	18.00	0.6	0.50	**16.20**			
Side retaining wall		1	28.00	0.6	1.35	**22.68**			
						61.38	**185.76**	**11401.9**	
Basic Rate	172.00								
Area Weightage 8%	13.76								
	185.76								

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4.1.2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs. with 40mm and down size graded granite metal coarse aggregates cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 2 I no.4.2 PWD 2016-17								
		Cum							
			7	39.00	1.50	0.15	61.43		
							61.43		
					Net Qty		61.43	5,449.68	334746.59
	Basic Rate	5,046.00							
	Area Weightage 8%	403.68							
		5,449.68							
	viding and constructing granite /trap/ baslat size stone masonry in foundation with cement rtar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. art in each course including cost of materials, labour, curing complete as per specifications (ge No. 23, Item No. 5.6) PWD 2016-17								
		Cum							
			1	39.00	0.90	0.60	21.06		
	Centre wall		1	32.00	0.90	0.60	17.28		
					Net Qty		38.34	2,837.16	108776.71
	Considering 60% of available Size stone that is = 61.38 x 60% =36.82								
	Basic Rate	4,187.00							
	Deduct cost of material for cum 100no/cum x Rs 13 / no	1,300.00							
	Deduct 10% over head Charge	130.00							
	Deduct 10% Contractor Profit	130.00							
		2,627.00							
	Area Weightage 8%	210.16							
		2,837.16							
10	Providing and Constructing granite /trap/ baslat size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.9) PWD 2016-17								
		Cum							
	Centre wall		7	39.00	1.50	0.60	245.70		
					Net Qty		245.70	5,405.40	1328106.78
	Basic Rate	5,005.00							
	Area Weightage 8%	400.40							
		5,405.40							
11	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications (Page NO. 112, Item No. 15.3) PWD 2016-17								
		Sqm							
			7	39.00		0.60	163.80		
							163.80		
					Net Qty		163.80	105.84	17336.59
	Basic Rate	98.00							
	Area Weightage 8%	7.84							
		105.84							
12	Providing and fixing for flooring 40mm thick sadarhaili grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3. I n 14.57 p no 109 PWD 2016-17								
			7	39.00		0.90	245.70		

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						245.70	2,042.28	501788.20
Basic Rate	1,891.00							
Area Weightage 8%	151.28							
	2,042.28							
ing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 40kgs, 40mm and down size graded granite metal coarse aggregates @0.878cum and fine gates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. well compacted, in foundation, including cost of all materials,labour, HOM of machinery, g complete as per specifications Specification No. KBS 4.1, 4.2 PWD 2016-17								
For steps		12	1.50	0.60	0.23	2.48		
		12	1.50	0.30	0.23	1.24		
						3.73	5,630.04	20,977.53
Basic Rate	5,213.00							
Area Weightage 8%	417.04							
	5,630.04							
liscellaneous and unforseen Charges								921.12
								3000000.00
(Rupees Thirty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/PD/AS/67/17-18 ದಿನಾಂಕ: 10.01.18
ರೂ. [Rs 30.00 lakhs] Rs Thirty lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ

ನಂ. EE/DZ/PK/460/17-18 ದಿನಾಂಕ: 10/01/2018
ರೂ. Rs 30.00 lak only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ವಲಯ
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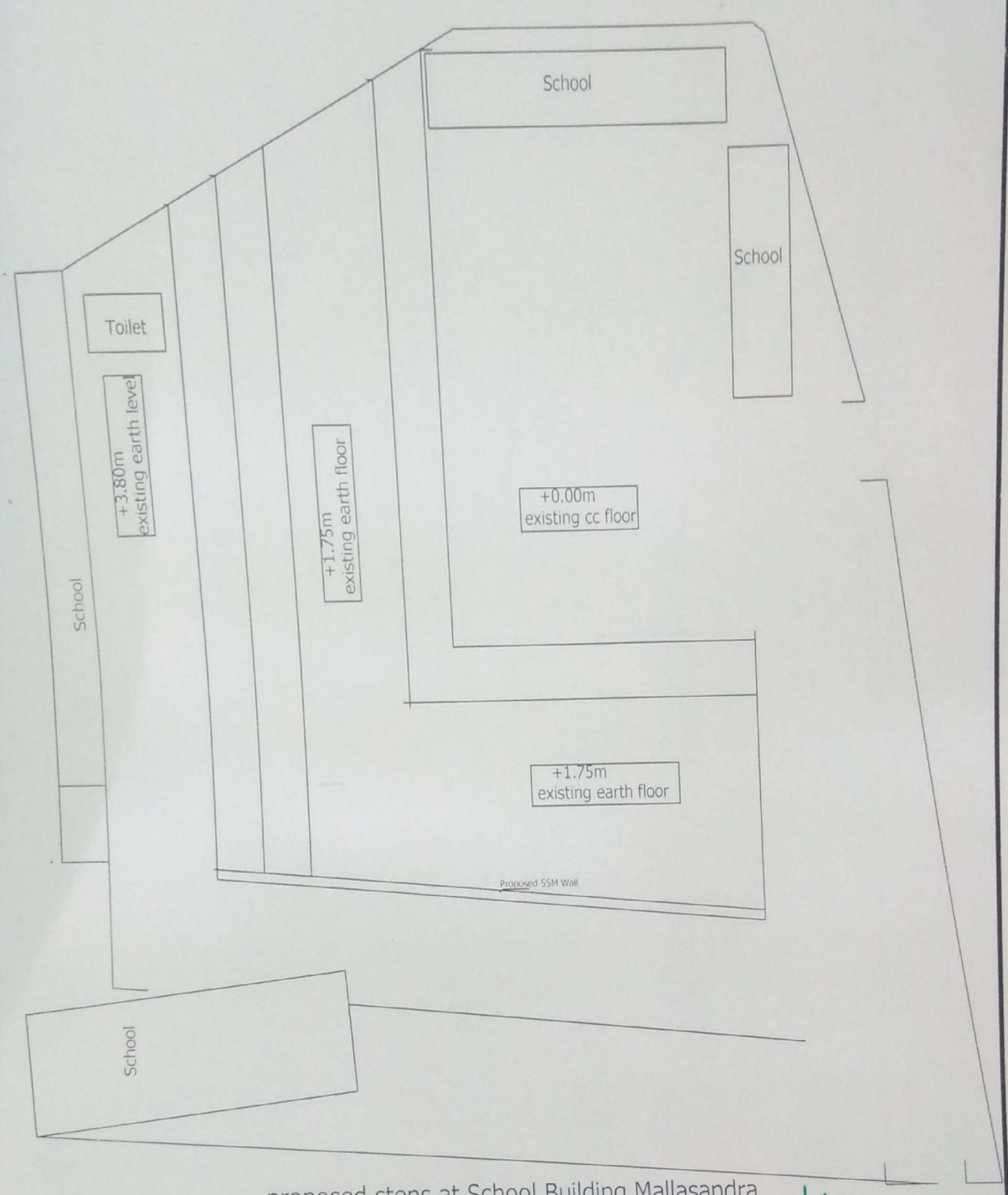
Name of Work: Providing Pot hole Filling and Other Maintenance Works at Ward No.13, Shettyhalli Sub Division.



proposed steps at School Building Mallasandra.

Asst.Engineer
Ward No.13

Asst.Executive Engineer
Shettyhalli Sub Division,
BBMP, Bangalore.

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